



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/887,021

06/25/2001

Terry R. Lee

M4065.0407/P407

6645

24998

7590

09/18/2006

DICKSTEIN SHAPIRO LLP

1825 EYE STREET NW

Washington, DC 20006-5403

EXAMINER

VU, TRISHA U

ART UNIT

PAPER NUMBER

2112

DATE MAILED: 09/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No. 09/887,021	Applicant(s) LEE, TERRY R.	
	Examiner Trisha U. Vu	Art Unit 2112	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 29 August 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-20, 22-33 and 35.

Claim(s) withdrawn from consideration: _____.

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____


 Trisha U. Vu
 Examiner
 Art Unit: 2112

Continuation of 2. NOTE: With respect to Applicant's argument of shields that extend the entire length of the signal, not just at the pin: as clearly explained in the previous Office Action, AAPA discloses conventional systems implement shields (60) on each side of every signal line (B0, B1, B2) (Fig. 3) to reduce signal cross-talk on the bus, however, it almost double the number of pins required on the connector. Therefore an improved system is desired in which the shields are located on each side of every pair of signal lines to minimize the number of pins required on the connector. Robertson teaches shields located on each side of every pair of signal lines to reduce cross-talk and minimize the number of pins required on the connector (Fig. 1). Thus, Robertson recognizes the same problem as addressed in AAPA and provides an improved system wherein shields are provided on each side of every pair of signal lines instead of on each side of every single signal. Therefore, Robertson does not teach away from the claimed invention. Robertson is silent regarding shielding the entire length of the signals, not just shielding at the pins. However, this is already taught in AAPA's conventional system, and one of ordinary skill in the art would recognize the benefit of having the entire length of signal lines shielded to reduce cross-talk along the entire signal lines, compared to just reduce cross-talk at the pins. Thus, the rejection set forth in the previous Office Action is proper.



REHANA PERVEEN
SUPERVISORY PATENT EXAMINER
9/13/06